

HYBRID PIPETTE

ABSTRACT OF THE DISCLOSURE

5 A hybrid pipette including a pipette casing (11) and a slide shaft (22) vertically movable in response to the operation of a pushbutton (23). A plunger (31) is disposed below the slide shaft and urged upwardly by a spring (33, 34). An engagement member (41) is coaxially and movably fitted on the slide shaft (22) and extends through a hole (12a1) in a casing member (11) so as to be movable at least 10 vertically. An electric motor (51) is provided on an axis different from the axis of the slide shaft and operatively engaged with the engagement member (41). In a manual operation mode, the slide shaft (22) and the plunger (31) move vertically in response to the operation of the 15 pushbutton (23) to perform suction and discharge of a liquid. In a motor-driven operation mode, the engagement member (41) is driven to move vertically by the electric motor (51), whereby the plunger (31) is moved vertically to perform suction and discharge of a liquid.